

To: CN=Jane Diamond/OU=R9/O=USEPA/C=US@EPA[]
Cc: CN=Richard Hiett/OU=R9/O=USEPA/C=US@EPA;CN=Kathleen Salyer/OU=R9/O=USEPA/C=US@EPA[]; N=Kathleen Salyer/OU=R9/O=USEPA/C=US@EPA[]
From: CN=Alana Lee/OU=R9/O=USEPA/C=US
Sent: Fri 1/11/2013 1:03:47 AM
Subject: Update on MEW Residential Air Investigation and Proposed Interim Short-term Removal Action Level
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Hi Jane,

We wanted to provide you an update on the MEW Residential Air Investigation and our proposed interim short-term removal action level. Rich suggested that we provide you highlights on a weekly basis. Both the Removal and Remedial program began sampling of MEW residences yesterday in the high priority areas (homes near the highest concentrations in shallow groundwater). We will complete sampling of the first 31 residences on Tuesday, January 15, and get begin receiving preliminary results next Friday, Jan 18 through the end of January. The high priority areas are ones where there is the potential that indoor air exceeds the residential indoor air cleanup level of 1 ug/m3 for the MEW Site. We have told residents and community members that this level (1 ug/m3) is protective of both long-term and short-term health risks.

With the new Sept 2011 TCE toxicity information, the potential short-term health concern, are to women of child-bearing age in their first trimester. The reference concentration, TCE at 2 ug/m3, is equal to the hazard quotient of 1. As such, consistent with removal action policy and while HQ policy and guidance is still pending, we are using an interim residential TCE removal action level of 6 ug/m3.

At 6 ug/m3, EPA and the MEW PRPs would promptly reduce the concentrations to below the cleanup level of 1 ug/m3. Because this may take 2 to 8 weeks, depending on the severity and complexity of the mitigation, we are recommending that the residents who may have sensitive receptors occupying the home and while waiting to have a system installed to reduce the levels, be offered re-location. We anticipate we may exceed the interim short-term action level of 6 ug/m3 at a few of the MEW homes we are sampling and are preparing to take prompt action, as necessary. We are meeting tomorrow with the MEW PRPs to discuss EPA's expectations and requirements. In addition, we are discussing with MEW, planned actions to be taken at two of the recently renovated Google buildings that have exceeded the indoor air cleanup level of 5 ug/m3 for commercial buildings. Indoor air levels with the ventilation system (HVAC system) operating 24/7 was 8 ug/m3, and with the HVAC system was 100 ug/m3.

Please let us know if you have any questions or need additional information. We will continue to keep you updated with our discussions with MEW and the indoor air results.

Thanks,

Alana